

REMARKS/ARGUMENTS

Claims 26-31 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite; and claims 26-31 stand rejected under 35 U.S.C. 102(e) as being anticipated by Miyagi.

Claims 26-31 have been amended to include the limitation of a varying resistance parallel to the gate that comprises a lightly doped region and a non-lightly doped region. This is not shown in the Miyagi patent. Figure 1 of the Miyagi patent shows a mask for not introducing dopants in regions close to the gate. This is distinguished from the instant invention where dopants are introduced along the edge of the gate (i.e. the source and drain regions) and selectively introduced beneath the gate (i.e. the LDD regions). It is the variation of the resistance in the region beneath the gate caused by the selective introduction of dopants to which the claims are directed. This is not present in the Miyagi patent where there is no dopant variation beneath the gate region.

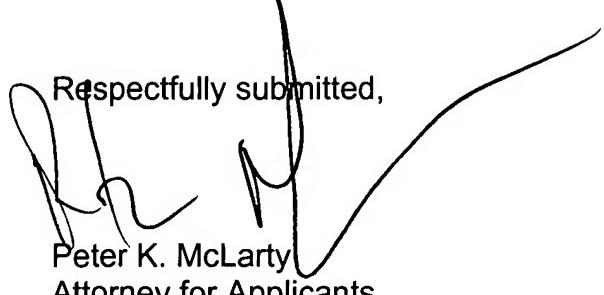
In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicants petition for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including

extension of time fees, to the deposit account of Texas Instruments Incorporated,
Account No. 20-0668.

Respectfully submitted,


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